University of Choice

MASINDE MULIRO UNIVERSITY OF SCIENCE AND TECHNOLOGY (MMUST)

UNIVERSITY EXAMINATIONS
2022/2023 ACADEMIC YEAR

MAIN

FIRST YEAR SECOND SEMESTER EXAMINATIONS

FOR THE DEGREE OF
MASTER OF SCIENCE IN DISASTER MANAGEMENT AND SUSTAINABLE DEVELOPMENT

CODE: DSM 807

COURSE TITLE: DISASTER IMPACT EVALUATION AND RECOVERY

DATE: 17/4/2023   **TIME:**   2-5 PM

INSTRUCTIONS TO CANDIDATES

1.   This paper consists of **FIVE (5)** questions
2.   Answer any **FOUR (4)** QUESTIONS
3.   Each question carries 20 marks

TIME: 3 Hours

MMUST observes ZERO tolerance in examination cheating
This Paper consists of 2 printed pages, Please Turn Over ➡

QUESTION ONE

a) Discuss the objectives of Disaster Assessment. **(10 Marks)**

b) Highlight the main elements of a disaster assessment report. **(10 Marks)**

QUESTION TWO

(a) Assess the various approaches commonly used in Kenya in collecting information for disaster assessment reports. **(10 Marks)**

(b) Highlight the advantages and disadvantages of each of the methods enumerated above. **(10 Marks)**

QUESTION THREE

Discuss the main challenges commonly encountered while conducting a Disaster Assessment exercise. **(20 Marks)**

QUESTION FOUR

a) Discuss the advantages of using remotely sensed data in disaster assessment.

(12 Marks)

b) Explain why the use of remote sensing could be a limitation in Kenya. **(8 Marks)**

QUESTION FIVE

With the help of a disaster cycle diagram, present an argument for a case whereby 'disaster assessment should be applicable to all the phases of the disaster cycle', and not limited to the phase covering response only. **(20 Marks)**